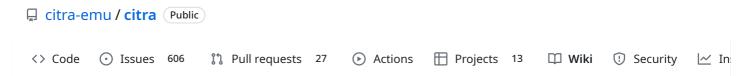
The Wayback Machine - https://web.archive.org/web/20240304191755/https://github.com/citra-emu/citra/wiki/Building-for-macOS



Building for macOS

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Steveice10 edited this page last week · 25 revisions

Dependencies:

It's recommended that you use homebrew to install dependencies. You'll need to download and install the following to build Citra:

- CMake (brew install cmake)
- A recent version of Xcode and the Xcode command line tools

Cloning Citra in Git:

```
git clone --recursive https://github.com/citra-emu/citra
cd citra
```

Using CMake:

Create a build folder and generate makefiles for the build:

```
mkdir build
cd build
cmake ...
```

Building Citra

```
make -j4
```

A citra-qt.app application bundle will now be present under build/bin/. Note that this is non-portable and only works on your machine. You can create distributable bundles as well by running make bundle and checking the output in build/bundle/.

About building on Apple Silicon machines

To build Citra targeting macOS on ARM, the process is largely the same. A few things to note are:

- Make sure the Homebrew version you have installed is the ARM version
- If you are cross-compiling from an x86_64 machine for ARM, when running the cmake command you'll want to use this command instead:

```
cmake .. -DCMAKE_OSX_ARCHITECTURES="arm64"
```



• Similarly, if you are cross-compiling from an ARM machine for x86_64, you'll want to use this command:

cmake .. -DCMAKE_OSX_ARCHITECTURES="x86_64"



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Clone this wiki locally

https://github.com/citra-emu/citra.wiki.git

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